PUBLIC ADVERTISEMENTS.

BANGALORE DIVISION.

Dated 26th February 1912.

Notice is hereby given that sealed tenders will be received at the office of the Executive Engineer, Bangalore Division, up to 20th March 1912 for constructing a new tank across Maralvadi stream near Mavathur, Kankanhalli Taluk. An approximate estimate of quantities is given below. These quantities are not guaranteed. The work should be completed by the end of June 1914.

2. The plans, detailed estimate and conditions may be seen at the Executive Engineer's Office at Bangalore, between the hours of 11 A.M. and 5 P.M.

3. Tenders should be submitted on printed forms which may be obtained from the Executive Engineer. The tenders should be accompanied by a statement in the form given below, showing the rates at which the different items specified will be executed.

4. Each tender must be accompanied by a deposit of Rs. 1,500 in cash or Government promissory notes, as earnest money, and be superscribed "Tender for constructing a new tank across Maralvadi stream near Mavathur, Kankanhalli Taluk," in default of which, tenders will be rejected.

5. The final acceptance of any tender will rest with Chief Engineer, who does not bind himself to accept the lowest or any tender or to assign any reason whatever for the rejection of any tender.

6. Within eight days of the acceptance of the tender, the successful competitor will be required to execute the usual contract bond; in default of which, his tender will be considered cancelled, and his earnest money will be forfeited.

7. The name of the successful competitor, whose tender has been accepted, will be posted on the notice board in the Executive Engineer's office in due course. No enquiries regarding the acceptance or rejection of a tender will receive any reply.

8. On acceptance of one of the tenders, the earnest money on rejected tenders will be returned.

9. Contractors may tender for the whole work or separately for works connected with Bund; Right Channel; or Left Channel.

Abstract estimate of the probable cost of constructing a tank across Maralvadi stream, Kankanhalli Taluk.

No.	Details	Per	Rate	Quantity	Cost
	Bund.		Rs. a. p.		
1	Earthwork	C. yd.		288,827	
2	Burnt stone revetment	,,		17,829	
3	Gravel backing to revetment	,,		6,085	
4	Burnt stone in surki mortar	C. ft.		84,132	
5	Dry burnt stone side wall of jelly drain	,,		21,767	
6	Jelly for drain	C. yd.		988	
7	Rough stone slabs over jelly drain 8″×6″	S. ft.		8,428	
8	Turfing	S. yd.		15,827	
9	Cutting grips and removing top soil	C. yd.		4,218	
10	Removing silt	,,		54,933	
11	Levelling rock by burning	Rs.	Lump sum.		
12	Baling water	Rs.	Lump sum.		
13	Blastering projecting boulders	C. yd.		2,242	
14	Benching rock	S. ft.		11,034	
15	Bench-mark stones	Each		2	
16	Grade stones with bed slabs	,,		14	
17	Gauge stones	,,		7	
18	Tank Register number stones	,,		1	
	Waste Weir.				
1	Benching rock	C. ft.		3,231	
2	Cleaning site	Rs.	Lump sum.		
3	Cutting holes under coping slabs	Rs.	Lump sum.		

No.	Details	Per	Rate	Quantity	Cost
					Rs.
4	Burnt stone in surki mortar	C. ft.		46,539	
5	Pointing with cement	Sq.		122·50	
6	Slab stones, 6″ thick	S. ft.		1,920	
7	Slab stones, 3″ thick	,,		34	
8	Burnt stone in mortar roughly dressed	C. ft.		5,600	
9	Iron pins	lbs.		2,714	
	Sluice, Left and Right.				
1	Benching rock for foundations	C. ft.		1,733	
2	Concrete in surki mortar	,,		826	
3	Burnt brick in surki mortar	,,		18,774	
4	Plastering with surki mortar	Sq.		25·38	
5	Stone slabs 9″ thick	S. ft.		477	
6	Stone slabs 6″ thick	,,		416	
7	Stone slabs 4″ thick	,,		336	
8	Burnt stone in surki mortar roughly dressed	C. ft.		571	
9	Cut stone in mortar	,,		132	
10	Shutters with chain	No.		2	
11	Plugs with screw gearing rod box, etc., complete	,,		4	
12	Teakwood work	C. ft.		10·50	
13	Railings above platform wall	Rs.	Lump sum		
14	Cutting groves upper orifices and holes in guide slabs	Rs.	Lump sum		
	Sluice, Right.				
	Same as left sluice except orifices	...		...	
	Left Channel.				
1	Earthwork excavating in hard rock	C. yd.		1,375	
2	,, ,, soft rock	,,		4,285	
3	,, ,, gravelly soil	,,		20,397	
4	,, ,, ordinary soil	,,		23,449	
5	Extra earth required for bank	,,		38,797	
6	Turfing the side slopes of Burdanhalli tank bund	S. yd.		5,611	
7	Rough stone revetment do	,,		395	
8	Mile stones including zero stones	Each		12	
9	Bed grade stones	,,		178	
10	Half furlong stones	,,		167	
11	*Aqueduct at* 3/1.				
	(1) Concrete in surki mortar	C. ft		1,351	
	(2) Burnt stone in surki mortar	,,		2,922	
	(3) Burnt stone slabs, 9″ thick	S. ft.		386	
	(4) Do 6″ do	,,		129	
	(5) Do 3″ do	,,		96	
	(6) Rough stone dry work	C. yd.		54	
	(7) Pointing with surki mortar	Sq.		9·00	
	(8) Earthwork excavating foundation and putting in banks, etc. ...	Rs.	Lump sum		
12	*Cart bridge at* 3/1, 2 *vents each* 5½′×5′.				
	(1) Concrete in surki mortar	C. ft.		372	
	(2) Burnt stone in surki mortar	,,		1,196	
	(3) Pointing with surki mortar	Sq.		7·59	
	(4) Rough stone dry work	C. yd.		8	
	(5) Stone slabs, 6″ thick	S. ft.		240	
	(6) Do 3″ thick	,,		72	

No.	Details	Per	Rate	Quantity	Cost
	(7) Earthwork	Rs.	Lump sum		
	(8) Guard stones	Each		4	
13	*Aqueduct at* 5/1.				
	(1) Concrete in surki mortar	C. ft.		806	
	(2) Burnt stone in surki mortar	,,		1,335	
	(3) Stone slabs, 6″ thick	S. ft.		425	
	(4) Do 3″ do	,,		51	
	(5) Pointing with surki mortar	Sq.		4·50	
	(6) Rough stone dry work	C. yd.		15	
	(7) Earthwork excavating foundations and putting banks ...	Rs.	Lump sum		
14	*Relieving weir and silt trap at* 8/1, 20 *feet length.*				
	(1) Concrete in surki mortar	C. ft.		123	
	(2) Brick in mortar	,,		371	
	(3) Rough stone work	C. yd.		82	
	(4) Burnt stone slabs, 6″ thick	S. ft.		101	
	(5) Plastering with surki mortar	Sq.		1	
	(6) Earthwork	Rs.	Lump sum		
15	*Cart bridge at* 2/2.				
16	Details as per above cart bridge at $\frac{3}{1}$	...		...	
	Aqueduct at 5/2.				
	(1) Concrete in surki mortar	C. ft.		33	
	(2) Burnt stone in surki mortar	,,		4,026	
	(3) Brick in surki mortar	,,		63	
	(4) Stone slabs, 6″ thick	S. ft.		120	
	(5) Do 3″ do	,,		170	
	(6) Pointing with surki mortar	Sq.		5·50	
	(7) Plastering	,,		0·50	
	(8) Rough stone dry work	C. yd.		57	
	(9) Earthwork	Rs.	Lump sum		
17	*Cart bridge at* 1/3.				
	Details as per above cart bridge at $\frac{3}{1}$				
18	*Cart bridge at* 5/3.				
	Details as per above cart bridge at 3/1...				
19	*Relieving weir at* 8/3, *84 ft. length.*				
	Details as per above relieving weir at 8/1				
20	*Cart bridge at* 2/4.				
	Details as per above cart bridge at 3/1				
21	*Foot bridge at* 4/4; 2 *vents* $4\frac{3}{4}' \times 4\frac{1}{2}'$.				
	(1) Concrete in surki mortar	C. ft.		71	
	(2) Burnt stone in surki mortar	,,		247	
	(3) Stone slabs, 12″ thick	,,		10	
	(4) Do 9″ do	S. ft.		20	
	(5) Do 6″ do	,,		113	
	(6) Do 3″ do	,,		8	
	(7) Pointing with surki mortar	Sq.		1·50	
	(8) Rough stone dry work	C. yd.		7	
	(9) Earthwork	Rs.	Lump sum		

No.	Details	Per	Rate	Quantity	Cost
22	*Foot bridge at 2/5.*				
	Details as per above foot bridge at 4/4				
23	*Relieving weir at 3/5 ; 15 ft. length.*				
	Details as per above relieving weir at 5/1				
24	*Foot bridge at 4/5.*				
	Details as per above foot bridge at 4/4				
25	*Cart bridge at 6/5 ; 2 vents 4¾'×4½'.*				
	(1) Concrete in surki mortar	C. ft.		366	
	(2) Burnt stone in surki mortar	,,		1,092	
	(3) Pointing with surki mortar	Sq.		7·00	
	(4) Rough stone dry work	C. yd.		7	
	(5) Stone slabs, 6″ thick	S. ft.		222	
	(6) Do 3″ do	,,		68	
	(7) Earthwork	Rs.	Lump sum		
	(8) Guard stones	Each		4	
26	*Aqueduct at 1/6.*				
	(1) Concrete in surki mortar	C. ft.		1,736	
	(2) Burnt stone in mortar (surki)	,,		5,429	
	(3) Brick in surki mortar	,,		295	
	(4) Burnt stone slabs, 6″ thick	S. ft.		488	
	(5) Do 3″ do	,,		317	
	(6) Pointing with cement	Sq.		18·25	
	(7) Plastering with surki mortar	,,		2·75	
	(8) Rough stone dry work	C. yd.		104	
	(9) Earthwork	Rs.	Lump sum		
27	*Relieving weir at 3/6 ; 84 ft. length.*				
	Details as per above relieving weir at 8/1				
28	*Drop No. 1 at 3/6.*				
	(1) Concrete in surki mortar	C. ft.		451	
	(2) Burnt stone in do	,,		1,224	
	(3) Stone slabs, 6″ thick	S. ft.		112	
	(4) Do 3″ do	,,		88	
	(5) Pointing with cement	Sq.		3·00	
	(6) Rough stone dry work	C. yd.		18	
	(7) Earthwork excavating foundation and throwing bank ...	Rs.	Lump sum		
29	*Drop No. 2 at 3/6.*				
	(1) Concrete in surki mortar	C. ft.		390	
	(2) Burnt stone in do	,,		780	
	(3) Stone slabs, 6″ thick	S. ft.		94	
	(4) Do 3″ do	,,		81	
	(5) Pointing with cement	Sq.		2·50	
	(6) Rough stone dry work	C. yd.		18	
	(7) Earthwork excavating foundation and throwing banks, etc. ...	Rs.	Lump sum		

No.	Details	Per	Rate	Quantity	Cost
30	*Cart bridge at* 1/7.				
	Details as per above cart bridge at 6/5				
31	*Aqueduct at* 4/7.				
	(1) Concrete in surki mortar	C. ft.		657	
	(2) Burnt stone in do	,,		1,033	
	(3) Stone slabs, 6″ thick...	S. ft.		328	
	(4) Do 3″ do	,,		51	
	(5) Pointing with surki mortar	Sq.		3·50	
	(6) Rough stone dry work	C. yd.		9	
	(7) Earthwork excavating foundation and putting banks, etc. ...	Rs.	Lump	sum	
32	*Cart bridge at* 5/7 ; 2 *vents* $4\frac{1}{2}' \times 4\frac{1}{2}'$.				
	(1) Concrete in surki mortar	C. ft.		346	
	(2) Burnt stone in do	,,		1,060	
	(3) Rough stone dry work	C. yd.		7	
	(4) Pointing with surki mortar	Sq.		6·75	
	(5) Stone slabs, 6″ thick	S. ft.		198	
	(6) Do 3″ do	,,		67	
	(7) Earthwork	Rs.	Lump	sum	
	(8) Guard stones	Each		4	
33	*Aqueduct at* 8/7.				
	(1) Concrete in surki mortar	C. ft.		591	
	(2) Burnt brick in surki mortar	,,		995	
	(3) Stone slabs, 6″ thick	S. ft.		339	
	(4) Do 3″ do	,,		42	
	(5) Pointing with surki mortar	Sq.		4·00	
	(6) Rough stone dry work	C. yd.		10	
	(7) Earthwork excavating foundation and putting banks, etc.	Rs.	Lump	sum	
34	*Aqueduct at* 4/9.				
	(1) Concrete in surki mortar	C. ft.		1,288	
	(2) Burnt stone in do	,,		3,265	
	(3) Brick in surki mortar	,,		153	
	(4) Stone slabs, 6″ thick	S. ft.		278	
	(5) Do 3″ do	,,		229	
	(6) Pointing with cement	Sq.		10·50	
	(7) Plastering with surki mortar	,,		2·00	
	(8) Rough stone dry work	C. yd.		57	
	(9) Earthwork	Rs.	Lump	sum	
35	*Road bridge at* 5/9 ; 4 *vents.*				
	(1) Concrete in surki mortar	C. ft.		510	
	(2) Burnt stone in do	,,		1,212	
	(3) Stone slabs, 6″ thick	S. ft.		408	
	(4) Stone slabs, 3″ thick	,,		25	
	(5) Pointing with surki mortar	Sq.		6·50	
	(6) Rough stone dry work	C. yd.		7	
	(7) Earthwork and metalling road	Rs.	Lump	sum	
	(8) Guard stone	Each		4	

No.	Details	Per	Rate	Quantity	Cost
36	*Cart bridge at 7/9 ; 2 vents 3½′×4′.*				
	(1) Concrete in surki mortar	C. ft		299	
	(2) Burnt stone in mortar	,,		847	
	(3) Stone slabs, 6″ thick	S. ft.		188	
	(4) Do 3″ do	,,		52	
	(5) Pointing with surki mortar	Sq.		5·25	
	(6) Rough stone dry work	C. yd.		7	
	(7) Earthwork	Rs.	Lump	sum	
	(8) Guard stones	Each		4	
37	*Foot bridge at 9th mile ; 2 vents 3½×4′.*				
	(1) Concrete in surki mortar	C. ft.		72	
	(2) Burnt stone in do	,,		238	
	(3) Stone slabs, 12″ thick	,,		10	
	(4) Do 9″ do	S. ft.		19	
	(5) Do 6″ do	,,		111	
	(6) Do 3″ do	,,		8	
	(7) Pointing with surki mortar	Sq.		1·50	
	(8) Rough stone dry work	C. yd.		7	
	(9) Earthwork	Rs.	Lump	sum	
38	*Relieving weir at 5/10 ; 15 ft. length.*				
	Details as per above relieving weir at 8/1	...		...	
39	*Cart bridge at 1/11 ; 1 vent 6′×4′.*				
	(1) Concrete in surki mortar	C. ft.		240	
	(2) Burnt stone in do	,,		678	
	(3) Stone slabs, 6″ thick	S. ft.		132	
	(4) Do 3″ do	,,		67	
	(5) Pointing with surki mortar	Sq.		4·50	
	(6) Rough stone dry work	C. yd.		7	
	(7) Earthwork	Rs.	Lump	sum	
	(8) Guard stones	No.		4	
40	*Aqueduct at 3/11.*				
1	(1) Concrete in surki mortar	C. ft.		541	
	(2) Burnt stone do	,,		1,144	
	(3) Burnt stone slabs, 6″ thick	S. ft.		305	
	(4) Do 3″ do	,,		63	
	(5) Pointing with cement	Sq.		5·00	
	(6) Rough stone dry work	C. yd.		16	
	(7) Earthwork excavating foundation filling up approaches and throwing bank.	Rs.	Lump	sum	
41	*Relieving weir at 5/11 ; 10 ft. length.*				
	Details as per above relieving weir at 8/1	...		...	
42	Extra cost for banks on both sides of the channel at the site of crossing the drainage.	Rs.	Lump	sum	
	Right Bank Channel.				
1	Earthwork excavation in hard rock	C. yd.		67	
2	Do do soft rock	,,		2,350	
3	Do do gravelly soil	,,		6,231	
4	Ordinary soil	,,		8,803	
5	Earthwork required for the channel bank	,,		6,645	
6	Mile stones including zero stone	Each		4	
7	Bed grade stones	,,		53	
8	Half furlong stones	Each		50	

No.	Details	Per	Rate	Quantity	Cost
9	*Aqueduct at* ¼.				
	(1) Concrete in surki mortar	C. ft.		6,164	
	(2) Burnt stone in do	,,		9,223	
	(3) Brick in do	,,		4,765	
	(4) Brick arch work	,,		3,443	
	(5) Stone slabs, 3″ thick	S. ft.		905	
	(6) Pointing with cement	Sqr.		38·50	
	(7) Plastering with mortar	,,		74·5	
	(8) Rough stone dry work	C. yd.		183	
	(9) Earthwork excavating foundation and filling approaches ...	Rs.	Lump	sum	
10	*Foot bridge at* 2/1 ; 2 *vents* 6½′×4½′.				
	(1) Concrete in surki mortar...	C. ft.		91	
	(2) Burnt stone in do	,,		215	
	(3) Stone slabs	S. ft.		38	
	(4) Pointing with surki mortar	Sqr.		1·00	
	(5) Rough stone dry work	C. yd.		6	
	(6) Earthwork	Rs.	Lump	sum	
11	*Relieving weir at* 3/1 ; 28 *feet length.*				
	Details as per above relieving weir in the left channel at ¾ ...	...			
12	*Cart bridge at* 7/1 ; 1 *vent* 6½′×4½′.				
	(1) Concrete in surki mortar	C. ft.		252	
	(2) Burnt stone in do	,,		770	
	(3) Pointing with surki mortar	Sqr.		4·61	
	(4) Rough stone dry work...	C. yd.		8	
	(5) Stone slabs, 6″ thick	S. ft.		138	
	(6) Do 3″ do	,,		54	
	(7) Earthwork	Rs.	Lump	sum	
	(8) Guard stones	Each		4	
13	*Relieving weir at* 8/1 ; 11 *feet length.*				
	Details as per above relieving weir at 8/1 in the left channel.				
14	*Syphon at* 4/2.				
	(1) Concrete in surki mortar	C. ft.		1,725	
	(2) Burnt stone in do	,,		2,689	
	(3) Burnt brick in do	,,		1,071	
	(4) Burnt stone slabs, 6″ thick	S. ft.		583	
	(5) Rough stone work, dry	C. yd.		65	
	(6) Pointing with cement	Sqr.		5·50	
	(7) Plastering with surki mortar	,,		4·25	
	(8) Gravelling	C. yd.		5	
	(9) Baling water	Rs.	Lump	sum	
	(10) Earthwork excavation filling, etc....	,,		,,	
15	*Cart bridge at* 6/2 ; 1 *vent* 6½′×4½′.				
	Details as per above card bridge at ¼	...			
16	*Pipe syphon at* 8/2.				
	(1) Concrete in surki mortar	C. ft		742	
	(2) Brick in do	,,		3,041	
	(3) Burnt stone slabs, 6″ thick	S ft.		102	
	(4) Do 3″ do	,,		181	
	(5) Rough stone dry work	C. yd.		30	
	(6) Plastering with cement	Sqr.		2·50	

No.	Details	Per	Rate	Quantity	Cost
	(7) Plastering with surki mortar	Sq.		6·16	
	(8) Steel pipes, ½" thick	lbs.		89·20	
	(9) Earthwork excavating, etc.	Rs.	Lump	sum	
17	*Foot bridge at* 5/3.				
	(1) Concrete in surki mortar	C. ft.		91	
	(2) Burnt stone in surki mortar	,,		193	
	(3) Stone slabs, 6" thick	S. ft.		36	
	(4) Pointing with surki mortar	Sq.		0·80	
	(5) Rough stone dry work	C. yd.		6	
	(6) Earthwork excavation, etc.	Rs.	Lump	sum	
18	*Relieving weir at* 1/4; 30 *feet length.*				
	Details as per above relieving weir at 8/1 of left channel—				
19	*Road bridge at* 1/4 ; 1 *vent* 5 ×9"				
	(1) Concrete in surki mortar	C. ft.		377	
	(2) Burnt stone in mortar	,,		965	
	(3) Pointing with surki mortar	Sq.		6·50	
	(4) Stone slabs, 6" thick	S. ft.		258	
	(5) Do 3" do	,,		49	
	(6) Rough stone dry work	C. yd.		6	
	(7) Earthwork excavation	Rs.	Lump	sum	
	(8) Guard stones	No.		4	
20	Extra cost for double banks near the sites of aqueducts, syphons, etc.	Rs.	Lump	sum	

H. D. RICE,
Executive Engineer.